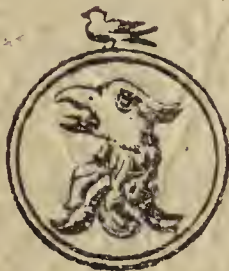


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Hebburn Urban District Council.



# ANNUAL REPORT

OF THE

## MEDICAL OFFICER OF HEALTH

for the year 1957.

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T. C. FALCONER,  
M.B.Ch.B., D.P.H.

---

HEBBURN-ON-TYNE:  
Printed by SMITH BROS. (Hebburn & Jarrow) LTD.,  
Lyon Street.

1958.







Hebburn Urban District Council.

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# HEBBURN URBAN DISTRICT COUNCIL

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1957 — 1958

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## **Chairman.**

Coun. R. Fenwick, J.P.

## **Vice-Chairman.**

Coun. J. G. Kerr.

## **MEMBERS.**

### **West Ward.**

Coun. O. Bell.  
Coun. A. J. Iley.  
Coun. Mrs. S. McIntyre.

### **East Ward.**

Coun. J. Spelman.  
Coun. Mrs. F. Bell.  
Coun. W. Bradley.

### **Central Ward.**

Coun. J. Cuskin.  
Coun. R. Heard.  
Coun. J. G. Kerr.

### **Victoria Ward.**

Coun. C. Ellison.  
Coun. A. Hardy.  
Coun. W. Jackson, J.P.

### **North Ward.**

Co. Coun. Mrs. A. Davies, J.P.  
Coun. G. Watson.  
Coun. Mrs. A. E. Kenny.

### **South Ward.**

Coun. W. F. Montgomery.  
Coun. C. L. Brewis.  
Coun. J. M. Chisholm.

### **Monkton Ward.**

Coun. J. Nicholson  
Coun. E. French.  
Coun. R. Fenwick, J.P.

## **UNITED DISTRICTS OF JARROW, HEBBURN AND FELLING.**

### **JOINT COMMITTEE.**

#### **HEBBURN MEMBERS.**

Co. Coun. Mrs. A. Davies, J.P.	Coun. Mrs. S. McIntyre.
Coun. O. Bell.	Coun. G. Watson.

---

### **No. 2 AREA HEALTH SUB-COMMITTEE.**

#### **HEBBURN MEMBERS.**

Coun. Mrs. S. McIntyre.	Coun. R. Heard.
Coun. Mrs. F. Bell.	Coun. J. Spelman.
Coun. Mrs. A. E. Kenny.	



PUBLIC HEALTH DEPARTMENT,  
ARGYLE STREET,  
HEBBURN,  
JUNE, 1958.

## **PREFACE.**

**To the Chairman and Members of the Hebburn Urban District Council.**

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have pleasure in submitting the Annual Report of the Medical Officer of Health on the health of the Urban District and the work in the Health Department for the year 1957.

The Health Statistics are set out in detail in the body of the report; there are, however, certain features on which I should like to comment.

The population of the Urban District rose during the year by 160; the natural increase, excess of births over deaths was 244. The birth rate showed a substantial rise to 23.4; the standardized birth rate (i.e. corrected for age and sex of population) was 20.8 which was substantially in excess of the figure of 16.1 for England and Wales.

The still birth rate was increased slightly and again exceeded the rate for England and Wales; this unfavourable comparison is not, however, unduly significant because of the small numbers involved. Of more concern however, is the substantial increase in Infant Mortality; the number of deaths of infants under 1 year was nearly doubled; of these, approximately three quarters occurred in the first 4 weeks of life and prematurity was the principal cause of death and accounted for more than half the infant deaths. It is to be hoped that recent and continuing research will solve this problem at least as effectively as the manner in which infection has been largely removed as a significant causal factor in infant mortality.

The Death Rate showed a slight increase compared with 1956 and again exceeded that for England and Wales; Heart Disease and Cancer continue to account for nearly half the deaths.

The principal development in the Field of Preventive Medicine has been the increased scope of the programme of immunisation against poliomyelitis; during the year, approximately 800 children received injections.

In the environmental sphere, pollution of the river and atmosphere continues to give cause for concern.

The River Tyne, as it flows through the Tyneside Conurbation, is little better than an open sewer; in the last 20 miles of its course to the sea, it receives untreated sewage from a population of approximately 800,000. The offensive and nauseating condition of the river is completely unacceptable in a civilised community and although it is difficult to establish convincing evidence of the resultant hazard to health, it is not unreasonable to assume that a serious potential risk to the public health exists. The problem can be solved only by co-operation between the local authorities concerned and the provision of generous financial assistance by the Government.

In contrast, it is interesting to consider the question of Atmospheric Pollution. It would appear that the population in Urban and Industrial Areas has come to accept, to some extent at least, the dirt and nuisance created by atmospheric pollution. What can not, however, be accepted is the most serious danger to health which is caused by polluted air. The evidence incriminating atmospheric pollution as a lethal hazard to health has been established beyond any doubt. During 1957, more than 500 tons of solid matter were deposited on the 2.6 square miles of the Urban District; this takes no account of the volatile gases such as sulphur dioxide which are respiratory irritants and are a main factor in the high incidence of Bronchitis and other chest diseases. The powers to deal with this serious hazard are contained in the Clean Air Act, 1956 and further reference to this will be found in the report of the Chief Public Health Inspector.

Poliomyelitis and Cancer of the Lung are worthy of comparison as public health problems. The mortality in England and Wales in recent years from these two diseases is shown in the following Table :—

Year	Deaths from Poliomyelitis	Deaths from Lung Cancer (to nearest 1,000)
1949	643	11,000
1950	734	12,000
1951	191	13,000
1952	275	14,000
1953	320	15,000
1954	112	16,000
1955	241	17,000
1956	114	18,000
1957	225	19,000

Cancer of the Lung, a terrible and mortal disease occurs 13 times more frequently amongst light cigarette smokers (that is smoking less than 14 cigarettes per day) than amongst non-cigarette smokers; for heavy cigarette smokers (that is more than 25 cigarettes per day) the

liability is increased to 40 times that of non-cigarette smokers. This appalling toll of death and suffering could be almost eliminated in a generation, if only public and official concern and effort, could be matched with that at present devoted to the prevention of Poliomyelitis—a trivial problem in comparison.

The benefit which a child receives from parents and others by example and education regarding the danger of cigarette smoking far exceeds the value of immunisation against poliomyelitis.

In conclusion, I wish to record my appreciation of the assistance and co-operation I have received from the Chairmen, Members of the Council, other officials and my staff in the Health Department.

T. C. FALCONER,

Medical Officer of Health.



## SECTION A.

### Statistics of the Area.

---

#### A. GENERAL STATISTICS.

Area of District in acres—1,563.

Estimated Resident Population—23,880.

Number of inhabited houses—7,767.

Number of Council houses—3,082.

Number of Council houses erected during the year—236.

Number of Private houses erected during the year—5.

Rateable Value at 31st December, 1957—£228,527.

Sum represented by a penny rate—£839.

#### B. PHYSICAL AND SOCIAL.

##### 1. Description of the Area.

The Urban District of Hebburn is roughly rectangular in shape. Its West and North boundaries are formed by the bend of the River Tyne. In the East, Hebburn and Jarrow have a common boundary running approximately north and south from the river. The Southern limit of the Urban District is contiguous with Boldon Urban District, the eastern half of which follows the line of the Newcastle-Sunderland main line Railway.

The Newcastle-South Shields Electric Railway sweeps across the District parallel to the course of the River Tyne enclosing a good part of the bad housing in the town, the Shipbuilding and repair yards, a large Electric Gear and other works. Other Industries in the area include Engineering, Chemical, and Paint Works. There is a large Coke Works in the Southern part of the Urban District.

##### (b) Employment.

Mr. J. J. Thompson, Manager of the Employment Exchange has kindly supplied the following information relating to Employment, Unemployment and Disablement:—

**EMPLOYMENT.**

Numbers of Employees in the Jarrow and Hebburn Aea.

Industry.	Males.	Females.	TOTAL.
Electrical Engineering ... ..	5,843	1,744	7,587
Shipbuilding, Shiprepairing and Marine Engineering ... ..	5,757	203	5,960
Constructional Engineering ... ..	791	17	808
General Engineering ... ..	1,332	297	1,629
Light Electrical Engineering ... ..	972	782	1,754
Metal Manufacture ... ..	1,395	122	1,517
National & Local Government & Professional Services ... ..	772	645	1,417
Distributive Trades ... ..	409	891	1,300
Building and Civil Engineering... ..	1,213	19	1,232
Catering ... ..	100	601	701
Chemicals and Dyes ... ..	507	214	721
Textiles ... ..	250	122	372
Manufacture of Food & Drink ... ..	111	159	270
Transport ... ..	272	29	301
Miscellaneous ... ..	1,040	523	1,563
TOTALS ... ..	20,764	6,368	27,132

**UNEMPLOYMENT.**

During the first quarter of the year the average number of unemployed men and women registered as unemployed was approximately 700.

There was a gradual decrease throughout the year and in the last quarter the average was 550.

This compares favourably with the figures for the previous year

**DISABLED AND HANDICAPPED PERSONS.**

The following persons in Hebburn are registered as distabled within the meaning of the Disabled Persons (Employment) Act, 1944 :—

**HEBBURN.**

	Men.	Women.
Surgical ... ..	148	12
Medical ... ..	128	33
Psychiatric ... ..	11	2
Others ... ..	60	8
TOTALS ... ..	347	55

Unemployed registered disabled persons registered for employment included in the above figures.

#### HEBBURN.

				Men.	Women.
Surgical	...	...	...	10	3
Medical	...	...	...	7	5
Psychiatric	...	...	...	1	1
Others	...	...	...	3	1
TOTALS				21	10

During 1957, 20 men and 7 women went through courses of industrial rehabilitation and 4 men were trained in new occupations in Government Training Centres.

#### Sickness Morbidity.

The following table gives the number of new claims for sickness benefit for Hebburn and Jarrow during the year:—

January	...	1,059
February	...	906
March	...	1,124
April	...	734
May	...	644
June	...	691
July	...	751
August	...	505
September	...	1,022
October	...	2,802
November	...	827
December	...	914
Total	...	11,979



## C. EXTRACTS FROM VITAL STATISTICS.

Population—Estimated mid-year 23,880.

Live Births:	M.	F.	Total.
Total .....	293	265	558
Legitimate .....	284	260	544
Illegitimate .....	9	5	14
Birth Rate .....		23.4	
Comparability Factor .....		0.89	
Standardised Birth Rate .....		20.8	

Still Births:	M.	F.	Total.
Total .....	9	10	19
Legitimate .....	9	8	17
Illegitimate .....	—	2	2
Rate per thousand total live and still births .....		32.9	
Rate per thousand estimated resident population .....		0.80	

Deaths:	M.	F.	Total.
All Causes .....	150	134	284
Death Rate .....		11.9	
Comparability Factor .....		1.37	
Standardised Death Rate .....		16.3	

## Principal Causes of Death.

	M.	F.	Total.	% of total Deaths.
Heart Disease (all types) .....	39	33	72	25.4
Cancer (all types) .....	28	33	61	21.5
Respiratory Disease .....	24	12	36	12.7
Vascular disease of the Nervous System	18	18	36	12.7
				<hr/> 72.3 <hr/>

## Comparison of Vital Statistics Rates.

	England & Wales.	Hebburn.
Birth Rate ... ..	16.1	20.8*
Infant Mortality ... ..	23.0	48.4
Still Births Rate ... ..	22.4	32.9
Death Rate ... ..	11.5	16.3*

\* Standardised.      ° Provisional figures.

**Infant Mortality.****Deaths of Infants under one year of age :**

Total .....	15	12	27
Legitimate .....	15	12	27
Illegitimate .....	Nil.	Nil.	Nil.

**Death Rate of Infants under one year of age :**

All infants per 1,000 live births .....	48.4
Legitimate Infants per 1,000 legitimate live births .....	49.6
Illegitimate Infants per 1,000 Illegiti- mate live births .....	Nil.

**Deaths of Infants under 4 weeks of age.**

Total .....	12	9	21
Legitimate .....	12	9	21
Illegitimate .....	—	—	—

**Neo-natal Death Rate.**

(i.e. Infant Deaths under 4 weeks per 1,000 live births)  
37.6

**Causes of Infant Deaths.**

Infection .....	5
Prematurity .....	15
Congenital Deformity .....	4
Other .....	3
	<hr/>
	27
	<hr/>

## CAUSES OF DEATH IN HEBBURN 1957.

	Males	Females	Total	% of Total Deaths
Tuberculosis, respiratory ...	2	—	2	.7
Tuberculosis, other ...	—	—	—	—
Syphilitic disease ...	—	—	—	—
Diphtheria ...	—	—	—	—
Whooping Cough ...	—	—	—	—
Meningococcal infection ...	—	—	—	—
Acute poliomyelitis ...	—	—	—	—
Measles ...	—	1	1	.4
Other infective and parasitic diseases ...	—	1	1	.4
Malignant neoplasm, lung, bronchus ...	11	1	12	4.2
Malignant neoplasm, stomach ...	6	7	13	4.6
Malignant neoplasm, breast...	—	6	6	2.1
Malignant neoplasm, uterus...	—	5	5	1.7
Other malignant and lymphatic neoplasms ...	9	14	23	8.1
Leukæmia, aleukæmia ...	2	—	2	.7
Diabetes ...	—	—	—	—
Vascular lesions of nervous system ...	18	18	36	12.7
Coronary disease, angina ...	22	13	35	12.3
Hypertension with heart disease ...	3	3	6	2.1
Other heart diseases ...	14	17	31	10.9
Other circulatory disease ...	3	4	7	2.5
Influenza ...	4	3	7	2.5
Pneumonia ...	4	5	9	3.2
Bronchitis ...	16	4	20	7.0
Other diseases of respiratory system ...	—	—	—	—
Ulcer of stomach & duodenum ...	1	—	1	.4
Gastritis, enteritis & diarrhoea ...	1	1	2	.7
Nephritis and nephrosis ...	2	2	4	1.4
Hyperplasia of prostate ...	1	—	1	.4
Pregnancy, childbirth, abortion ...	—	—	—	—
Congenital malformations ...	4	1	5	1.7
Other defined and ill-defined diseases ...	18	22	40	14.0
Motor vehicle accidents ...	1	—	1	.4
All other accidents ...	6	3	9	3.2
Suicide ...	2	3	5	1.7
Homicide & operations of war ...	—	—	—	—
All causes ...	150	134	284	100.0



**Vital Statistics of Hebburn for Previous Years.**

Year.	Population.	Birth Rate.	Death Rate.	Infant Mortality Rate.
1906	23,336	24.8	16.0	136
1916	23,060	30.2	15.6	104
1926	26,190	26.6	11.8	97
1936	22,939	18.7	13.3	90.7
1937	22,700	16.9	12.7	67.9
1938	22,950	19.0	11.7	69.0
1939	23,490	17.6	12.0	48.3
1940	21,770	20.4	14.3	45.3
1941	22,200	18.0	15.5	128.4
1942	21,950	17.7	13.1	80
1943	21,760	20.7	13.7	64
1944	22,290	22.1	13.8	56
1945	22,250	19.3	11.5	48
1946	22,780	22.0	12.8	67.6
1947	22,750	22.1	12.3	65.6
1948	22,990	20.0	10.8	32.4
1949	23,050	21.08	10.6	34.9
1950	22,990	19.1	11.5	40.1
1951	23,140	19.2	11.7	51.5
1952	23,100	18.9	10.9	32.04
1953	23,440	19.02	10.7	38.1
1954	23,480	19.83	10.21	38.62
1955	23,570	20.95	10.21	38.46
1956	23,720	21.5	11.2	27.5
1957	23,880	23.4	11.9	48.4

**APPENDIX III.**  
**SUMMARY OF JOINT AREA STATISTICS 1957.**

<b>General.</b>	<b>Jarrow.</b>	<b>Hebburn.</b>	<b>Felling.</b>	<b>Joint Area.</b>	
				1957	1956.
Area in acres ... ..	1,985	1,563	3,325	6,873	6,873
Population ... ..	29,240	23,880	28,540	81,660	80,100
No. of inhabited houses ...	9,078	7,767	9,700	26,545	25,631
No. of Council houses ...	3,993	3,082	5,692	12,767	11,866
Sub-standard houses remaining to be dealt with by 1960 ... ..	976	461	181	1,618	1,877
<b>Vital.</b>					
No. of Births ... ..	584	558	572	1,714	1,631
Standardised Birth Rate ...	18.2	20.8	18.4	19.1	18.52
No. of Still Births ... ..	17	19	8	44	50
Still Birth Rate (per 1,000 live and still births) ...	28.3	32.9	13.3	25.0	29.74
Infant Deaths ... ..	17	27	16	60	43
Infant Mortality Rate ...	29.1	48.4	28.0	35.0	26.36
Maternal Mortality ...	Nil.	Nil.	Nil.	Nil.	Nil.
No. of Deaths ... ..	348	284	301	933	932
Standardised Death Rate ...	14.8	16.3	14.1	15.5	15.02
<b>Principal Causes of Death</b> (Percentage of Total Deaths).					
<b>(a) Infants under 1 year.</b>					
Infection ... ..	23.5	18.5	25/0	21.7	9.3
Congenital Deformity ...	17.7	14.8	18.7	16.6	34.9
Prematurity ... ..	35.3	55.5	18.7	40.0	25.6
Others ... ..	23.5	11.2	37.5	21.7	30.2
<b>(b) All Ages.</b>					
Heart Disease ... ..	28.2	25.4	36.2	29.9	36.16
Cancer ... ..	19.5	21.5	15.6	18.9	17.06
Respiratory disease ...	18.7	12.7	11.6	14.6	14.69
Vascular diseases ...	16.4	12.7	14.2	14.6	13.30
<b>Infectious Diseases.</b>					
<b>Tuberculosis (Notifications)</b>					
Respiratory ... ..	42	45	42	129	144
Non-respiratory ... ..	5	6	5	16	11

**Incidence Rate.**

Respiratory	...	...	1.44	1.88	1.47	1.58	1.80
Non-respiratory	...	...	0.17	0.25	0.17	0.19	1.14

**Death Rate.**

Respiratory	...	...	0.17	0.08	0.11	0.12	0.10
Non-respiratory	...	...	0.07	Nil.	0.04	0.04	0.02

**Measles.**

Notifications	...	...	846	319	607	1,772	578
Incidence	...	...	28.93	13.40	21.2	21.69	7.22

**Whooping Cough.**

Notifications	...	...	54	5	81	140	384
Incidence	...	...	1.85	0.20	2.83	1.71	4.79

**Pneumonia.**

Notifications	...	...	93	27	24	144	138
Incidence	...	...	3.18	1.13	0.84	1.76	1.72

**Dysentery.**

Notifications	...	...	14	32	43	89	295
Incidence	...	...	0.48	1.34	1.50	1.09	3.68

**Rates are given per 1,000 of the Population.**



**SECTION B.****General Provision of Health Services in the Area.****PUBLIC HEALTH SERVICES.****1. (a) Staff of Health Department.**

Medical Officer of Health and Area Medical Officer.

T. C. FALCONER, M.B., Ch.B., D.P.H.

Public Health Inspector.

W. S. BRUCE, M.A.P.H.I., M.R.S.H.

Additional Public Health Inspector.

P. MILNE, A.R.S.H., M.A.P.H.I.

Shorthand-Typist.

Miss J. M. GIBSON.

**1. (b) County Council Staff.**

Assistant Medical Officers.

Dr. L. ROSS, M.B., B.S.

Dr. R. STRUNIN, M.D., (Berlin).

School Dentist.

B. THOMPSON, B.D.S.

Dental Receptionist.

Miss J. PURVIS.

School Nurse.

Miss E. HEY, S.R.N., R.F.N., H.V.

Health Visitors

Miss C. BATES, S.R.N., C.M.B., H.V.

Miss E. COWEN, S.R.N., S.C.M., H.V.

Miss M. FALLON, S.R.N., C.M.B., H.V.

District Nurses.

Mrs. C. JOBLING, S.R.N., S.C.M.

Miss WELCH, S.R.N.

Midwives.

Mrs. A. ALDER, S.R.N., S.C.M.

Miss M. LYNCH, S.R.N., S.C.M.

Mrs. J. McMAHON, S.R.N., S.C.M.

Miss L. CHARLTON, S.R.N., S.C.M.

Home Help Organiser.

Mrs. E. M. MEREDITH.

## 2. Laboratory Services.

The Public Health Laboratory at Newcastle under Dr. A. I. Messer carries out bacteriological examinations. The following specimens were submitted for examination during the year:—

	Pos.	Neg.	Total.
Sputum .....	17	—	17
Faeces .....	111	96	207
Throat .....	—	2	2
	128	98	226

## 3. NATIONAL ASSISTANCE ACT, 1948.

### Section 47—Removal to Suitable Premises of Persons in Need of Care and Attention.

It was not necessary for the Council to take any action under this section. During the year a number of cases were investigated by the Medical Officer of Health and, where necessary, admission to Hospital or Hostel was arranged, or the services of a home help were provided.

### Section 50—Burial or Cremation of Dead.

One person died during the year who had no known relatives and burial had to be effected by the Council.

## 4. REFUSE COLLECTION AND DISPOSAL.

The Cleansing Superintendent has kindly supplied the following information:—

### REFUSE COLLECTION.

Number of houses and premises from which refuse  
collected ..... 8,068

Two Dennis Paxit Refuse Collectors with carrying capacity of 6 tons, and one Dennis Refuse Collector with carrying capacity of 3 tons, are engaged on this work, also one Dennis Refuse Collector (3 tons) is engaged on Salvage and Trade Refuse Collection.

Method of Refuse Disposal is by 100% Controlled tipping.

House Refuse is collected once weekly, and Trade Refuse on an average of three collections per week.

The tipping site is suitably distant from the residential area and the length of haul is approximately one mile.

**5. STREET CLEANSING.**

Mileage of Street Cleansed .....	40.22
Frequency of Cleansing (a) Daily .....	7.50
(b) Three times Weekly .....	4.50
(c) Twice Weekly .....	7.50
(d) Once Weekly .....	20.72
Average gully cleansing per annum .....	10

One Dennis Mechanical Gully Emptier and one Karrier Mechanical Sweeper are engaged on this work.

**6. SALVAGE COLLECTION.**

	Tons.	Cwts.	£	s.	d.
Waste Paper .....	95	4	692	10	3
Scrap Metal .....	—	3	1	0	0
	95	7	£693	10	3

**Collection and Disposal of Refuse during the Year Ending  
31st December, 1957.**

House and Trade Refuse (excluding salvage) .....	8,630 tons.
Street Sweepings and Gully Sludge .....	625 tons.
Total Refuse disposed of at the tip .....	9,255 tons.
Total salvage collected and disposed of .....	95 tons.
Total .....	9,350 tons.

**7. RODENT CONTROL.**

Two full treatments of the Council's sewers, refuse tip and depot were carried out during the year.

The report required by the Ministry of Agriculture and Fisheries is for the year ended 31st March, 1958. The visits and inspections carried out for the year ending 31st March, 1958, is as follows :—

Total Inspections made .....	132
Number of Inspections (Minor) .....	31
Infestation by Rats .....	26
Infestation by Mice .....	5
Dwelling Houses Infested .....	25
Business Premises .....	4
Local Authority Premises .....	2



## B. LOCAL HEALTH AUTHORITY SERVICES.

Under the National Health Service Act, 1946, Part III, the Personal Health Services are provided by Durham County Council and administered through the Area Health Sub-Committee on which Hebburn U.D.C. is represented by five members.

### CARE OF MOTHERS AND YOUNG CHILDREN.

(Section 22).

#### Ante-Natal.

Sessions Each Wednesday: All Day.

The following figures show the number of expectant mothers who attended the Clinic, and the number of visits which these mothers paid to the Clinic.

Number of Mothers .....	450
Attendances .....	2,258

#### Post-Natal.

Sessions : Monthly.

Twenty-five Mothers attended the Clinic on one or more occasions. The total number of attendances during the year was 29.

#### Child Welfare.

Sessions : Tuesday afternoons and Friday mornings.

The following table shows the number of infants and toddlers who attended the Clinic, and the number of attendances of these children throughout the year.

No. of Children.			Attendances.		
Under 1.	1-2 yrs.	2-5 yrs.	Under 1.	1-2 yrs.	2-5 yrs.
387	83	109	2,602	210	165

#### Artificial Sun-Light Clinic.

Sessions : Tuesday and Friday 1-30 p.m.—3-30 p.m.

102 mothers and children attended the clinic during the year. The total number of attendances during the year was 1,097.

### MIDWIFERY.

(Section 23).

There are 4 County Midwives in Hebburn. No midwives practice privately in the area.

During the year they attended 242 confinements, comprising 229 live births and 4 still births.

**Domiciliary Confinements.**

Doctor.	Booked.	Not Booked.	Analgesia	
			Gas and Air.	Pethedine.
Present at Delivery .....	25	1	13	16
Not present at Delivery ...	120	85	102	92
Total .....,...	145	86	115	108

**HEALTH VISITING.**

(Section 24).

Three health visitors serve the Urban District. The following domiciliary visits were paid during 1957 :—

Maternity and Child Welfare .....	5,517
Tuberculosis .....	760
Mental Deficiency .....	162
Schools .....	405
General Health .....	44
Old People .....	59
	<hr/>
	6,947
	<hr/>

The percentage of ineffective visits made was 10%.

**HOME NURSING.**

(Section 25).

Two whole-time nurses were employed during the year.

	No. of Cases.	Visits.
Medical .....	166	4,716
Surgical .....	97	1,760
Tuberculosis .....	7	251
Maternal complications..	2	26
Others .....	—	10
	<hr/>	<hr/>
	272	6,763
	<hr/>	<hr/>

**VACCINATION AND IMMUNISATION.**

(Section 26).

The following tables give the numbers of children vaccinated and immunised at the clinics and by General Practitioners in the district:—

**VACCINATION.****RE-VACCINATION.**

Under 1 yr.	1-5	5-15	15 & over	Total	1-15	15 & over	Total
189	14	10	10	223	7	41	48

**Primary Immunisations.****Re-inforcing doses.**

Under 1 yr.	1	2	3	4	5-9	10-14	Total	3	4	5-9	10-14	Total
185	82	18	15	6	11	—	317	—	42	55	1	98

**IMMUNISATION AGAINST POLIOMYELITIS.**

In 1956, when immunisation against poliomyelitis was first commenced, the vaccine was in short supply and immunisation could be offered only to children born in certain months in the years 1947 to 1954 inclusive. The supply position, however, improved during 1957 and vaccine from a second British manufacturer became available. In accordance with instructions received from the Ministry of Health in May, 1957, the eligible groups were extended to include children born in the years 1947 to 1954 inclusive who had not hitherto been registered and also children born in the years 1955 and 1956. In November, 1957, the offer of vaccine was further extended to include children born in the years 1943 to 1946 inclusive and children born in 1957 who had attained the age of six months. At the same time, other categories who became eligible included expectant mothers, Medical Practitioners and their households, Ambulance drivers and their families, etc.; these categories were not, however, dealt with until early 1958.

During the year 1957 the complete course of two injections was given to 794 children and 41 children received one injection.

**Influnza Vaccine.**

In November, 1957, a supply of vaccine designed to give protection against Asian type influenza was received; vaccination was offered to general practitioners, ambulance drivers, health visitors, district nurses, and midwives, and the offer was later extended to include domestic helps.



**AMBULANCE SERVICE.**

(Section 27).

The Urban District is served by the Hebburn Ambulance Control which is situated at 1, St. John's Avenue, Hebburn—Telephone 832157.

The Control is manned by four clerk-telephonists maintaining a 24-hour service. No. 2 Health Area is covered primarily by vehicles from the Hebburn Depot, which has an establishment of one head driver, 27 drivers and 8 ambulances, 2 of which are radio-controlled.

The Depot serves the population in the Borough of Jarrow, the Urban districts of Felling, Hebburn, Boldon and Washington and part of Sunderland Rural District. The present population is 125,000 persons of which about two-thirds live on the river side in Jarrow, Hebburn and Felling.

28,186 journeys were completed entailing a milage of 164,320 miles. It is intended to construct a new depot at Hebburn next to the proposed new Civic Centre. Plans have also been approved for the establishment of a new Co-ordinating Control near Durham; this should ensure an improved and more efficient service.

**PREVENTION OF ILLNESS, CARE, AND AFTER-CARE.**

(Section 28)

Cases discharged from hospital and requiring after-care are treated by home nurses or supervised and advised by the Health Visitors. Sick room equipment such as urine bottles, bed pans, bed rests, air cushions, mattresses and rubber sheeting can be had on loan.

During the year 107 persons received equipment on loan.

**DOMESTIC HELP SERVICE.**

(Section 29).

No. of home helps employed during the year ..	51
No. of cases attended on 1-1-57 ... ..	47
No. of new cases provided with home helps ...	25
	-----
Total ...	123
	-----
Types of cases:—	
Old Age Pensioners ... ..	65
Sickness ... ..	2
Tuberculosis ... ..	1
Maternity ... ..	4
	-----
Total ...	72
	-----
No. of cases attended on 31-12-57 ... ..	54

**MENTAL HEALTH.****LUNACY AND MENTAL TREATMENT ACTS.**

No. of cases investigated .....	26
---------------------------------	----

**Admissions to Hospital.**

Urgency Order .....	—
Certified Patients .....	4
3-Day Orders .....	21
14-Day Orders .....	1
Relapse on trial .....	1
Escape and Recapture .....	—
Voluntary Patients .....	18
Temporary Patients .....	—
<hr/>	
Total ...	45
<hr/>	

**MENTAL DEFICIENCY ACTS.**

Under supervision and guardianship .....	60
In Institutions .....	30
<hr/>	
Total ...	90
<hr/>	

**EDUCATION ACT.**

Children notified during year	
as (1) Ineducable .....	4
(2) Requiring supervision after leaving school .....	—
<hr/>	
Total ...	4
<hr/>	

**C. HOSPITAL SERVICES.**

The South Shields Hospital Management Committee administer the Hospitals in the Urban District on behalf of the Newcastle Regional Hospital Board.

There are two Hospitals in the Urban District.

<b>Hospital.</b>	<b>Type.</b>	<b>No. of Beds.</b>	<b>Clinics.</b>
Ellison Hall Infirmery	General Surgery	27	General Surgery
Hebburn Hospital	Chronic Sick	24	—

The following hospitals also receive cases from the area:—

Palmer Memorial Hospital, Jarrow—General Cases.

Primrose Hill Hospital, Jarrow—Chronic Sick Cases.

Ingham Infirmary, South Shields—Medical, Surgical and Maternity Cases.

South Shields General Hospital—General Surgical, Chronic Sick Cases and Maternity Cases.

Deans Hospital, South Shields—Infectious Diseases.

Walkergate Hospital—Infectious Diseases.

Fleming Memorial Hospital, Newcastle—Children's Diseases.

Danesfield Hospital, Jarrow—Maternity Cases.

### CHEST CLINIC.

The Clinic is at Homer Villa, St. John's Terrace, Jarrow.

Sessions are held weekly as follows:—

Monday and Wednesday mornings ... Men.

Monday and Wednesday afternoons ... Women.

Tuesday afternoons ... Children and contacts.

Friday afternoons ... Children and contacts.

### VENEREAL DISEASE CLINICS.

The following numbers of patients from the Hebburn District were treated at the Newcastle and South Shields Clinics during 1957.

	Syphilis.		Gonorrhoea.		Non-Venereal.	
	M.	F.	M.	F.	M.	F.
Newcastle ...	1	—	—	—	13	4
South Shields ...	—	—	1	—	4	—
	1	—	1	—	17	4



MASS X-RAY.

No. 2 Mass Radiography Unit of the Newcastle Regional Board makes frequent visits to South Tyneside.

The following table gives details of the work done by the Unit in the district:—

I am indebted to Dr. Marienfeld for the following statistics.

	Total No. of Miniature Films.	Total recalled for Large Films.	Total Referred Chest Clinic.	Notified 'Active'.	Not Notified.	Diagnosis not yet known.	No. already known to Chest Clinic.
Public Session, March, 1957	1,522	52	23	—	—	—	—
Public Session, November, 1957	1,113	41	25	2	—	11	—
<b>Industry.</b>							
Baker Perkins Ltd., September, 1957	436	7	5	—	—	—	—
Pyrotanax Ltd., September, 1957	295	5	2	—	—	—	—
A. Reyrolle & Co. Ltd., September, 1957	3,641	100	36	8	4	15	4
	7,007	205	91	10	4	26	4

**BLOOD TRANSFUSION.**

Mr. G. Tait Hunter, the Regional Organiser, has kindly supplied details of the donor panels and the sessions in Hebburn during the year.

Date of Sessions.	No. of Donors attending.
January 29th	95
July 18th	119
August 22nd	61
August 28th	66
<hr/>	
Total	341

Donor Panel at 31/12/57 ...	...	...	416
New donors bled during 1957	...	...	48

**D. EXECUTIVE COUNCIL.**

Eight general practitioners serve the Urban District from their surgeries in the town. A number of Jarrow Doctors have patients in Hebburn Urban District.

**SECTION C.****Sanitary Circumstances of the Area.**

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**Water Supply.**

Water is supplied to the district by the Sunderland and South Shields Water Company, and has been satisfactory in quality and quantity.

A piped water supply is available to all premises in the area, but in a considerable number of the older dwelling houses the supply is from a stand pipe in the yard and shared by several tenants.

**Drainage and Sewerage.**

All sewage is discharged into the River Tyne without treatment. No major stoppages or defects occurred during the year.

**Closet Accommodation.**

There are 7,577 water closets in the area and all premises are now on the water carriage system.

**Rivers and Streams.**

There are only two small watercourses in the Hebburn Area, both of these have been regularly inspected.

**Sanitary Inspection of District.**

ANNUAL REPORT OF THE PUBLIC HEALTH INSPECTOR.

**To the Medical Officer of Health.**

Sir,

I have pleasure in submitting my report on the work of the Public Health Inspectors during 1957.

I am,

Yours faithfully,

W. S. BRUCE,

M.A.P.H.I., M.R.S.H.



The following is a summary of complaints and visits of inspection, etc., made during the year :—

Complaints received .....	94
Nuisances .....	45
Drainage, inspection and testing .....	95
Council house inspection .....	332
Rehousing investigations .....	446
Housing disrepair visits .....	223
Clearance Areas .....	886
Closing Orders .....	49
Housing Survey .....	138
Certificate of disrepair .....	24
Improvement Grant visits .....	7
Housing revisits .....	426
Water supply visits .....	7
Refuse accommodation .....	8
Food inspection .....	41
Food premises .....	212
Ice Cream premises .....	15
Licensed premises .....	20
Canteens .....	9
Licensed Clubs, etc. ....	3
Milk and Dairies .....	10
School kitchen .....	3
Infectious diseases .....	21
Rodent Control .....	132
Factories .....	65
Sanitary accommodation .....	21
Keeping of animals .....	8
Streams and Watercourses .....	2
Atmospheric Pollution visits ..	143
Mobile Shops .....	3
Fair ground .....	1
Cinemas .....	4
Schools .....	4
Miscellaneous Visits .....	169

## NUISANCES AND DEFECTS REMEDIED.

### Buildings.

Roofs and Spouting: Overhauled and Repaired .....	38
Floors and Skirtings: Repaired and Renewed .....	13
Internal Walls and Ceilings: Repaired and Renewed .....	30
External Walls: Repaired and Pointed .....	7
Chimneys, Fireplaces and Ranges: Repaired and Renewed .....	7
Doors, Stairs, Windows & Sashcords: Repaired and Renewed.	33
Scullery sinks and benches: Repaired and Renewed .....	13
Food Stores: Repaired and Renewed .....	3
Dampness in walls remedied .....	10

## SANITARY ACCOMMODATION AND DRAINAGE.

Waterclosets and choked drains: cleared .....	29
Watercloset basins and fittings: Repaired and Renewed .....	17
Gullies and Gratings: Renewed .....	3
Waste Pipes: Repaired and Renewed .....	10

## YARDS AND OUTBUILDINGS.

Yard Paving: Repaired .....	2
Yard Walls and Doors: Repaired and Renewed .....	7
Outbuildings: Repaired and Renewed .....	14

## OTHER NUISANCES.

Accumulation of Rubbish removed .....	2
Water supply pipes and fittings: Repaired and Renewed .....	3
Dustbins: Renewed .....	12

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TOTAL ... 253

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Number of Informal Notices Served .....	121
Number of Statutory Notices Served (Public Health Acts) .....	33

## HOSTEL

The privately owned workmen's Hostel has been regularly inspected during the year and found to be satisfactorily maintained.

## ATMOSPHERIC POLLUTION.

### Clean Air Act, 1956.

#### Smoke Control Areas.

When consideration is given to the redevelopment of the New Town district it has been recommended to the Council that this area be a Smoke Control Area and that it be a condition of tenancy that only authorised smokeless fuels be used in the area. The Council has agreed in principle to this recommendation.

A North Eastern Regional Advisory Committee of Local Authorities for Smoke Abatement and Clean Air has been set up. The Hebburn representatives on this Committee are the Chairman of the General Purposes Committee and the Public Health Inspector.

#### Section 24.

The Council have adopted the model Byelaw which limits the provision of heating and cooking appliances in the new buildings to ensure that domestic appliances in new buildings are capable of burning smokeless fuels or otherwise capable of smokeless operation. The Council are already complying with this byelaw in their own Council houses.

A very close watch was kept on industrial premises for smoke pollution and regular observations were made during the years. Verbal warnings were given in a number of cases.

#### ANALYSIS OF DEPOSIT IN TWO GAUGES.

	Palmers Hebburn.		Cemetery.	
	Total for 12 Months	Monthly Average	Total for 12 Months	Monthly Average
<b>Rainfall</b> (inches) ... ..	22.68	1.89	20.59	1.71
English tons per square mile				
<b>Total Insoluble Matter</b> ...	117.43	9.78	102.49	8.37
Tar ... ..	2.14	0.18	2.09	0.17
Ash ... ..	83.51	6.96	66.25	5.51
Other Combustible Matter ... ..	32.28	2.69	34.15	2.84
<b>Total Soluble Matter</b> ...	117.59	9.79	75.07	6.25
Lime as CA ... ..	8.12	0.67	5.40	0.45
Chlorine as CL ... ..	16.18	1.34	12.13	1.01
Sulphate as SO ... ..	38.42	3.20	20.25	1.69
<b>Total Solids (in Tons)</b> ...	235.02	19.58	177.56	14.78

This deposit is equal to about 536 tons falling on the 2.6 square miles of Hebburn in a year.



**FACTORIES ACT.****Inspections.**

The following inspections of factories were made during the year :--

Premises.	Number on Register.	Inspections.	Notices, Writtten	Occupiers Prosecuted.
(i) Factories in which Sections 1, 2, 3, 4 & 6 are to be enforced by Local Authorities ....	14	9	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority .....	51	54	1	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers premises) ...	2	2	—	—
Total ...	67	65	1	—

Action taken in respect of defects found in course of inspection :—  
Number of cases in which defects were found.

Particulars.	Found.	Remedied.	Referred.		Number of Cases in which prosecutions were instituted.
			To H.M. Inspector.	By H.M. Inspector.	
Want of cleanliness (S.1) .....	—	—	—	—	—
Overcrowding (S.2) .....	—	—	—	—	—
Unreasonable temperature (S.3) ....	—	—	—	—	—
Inadequate ventilation (S.4) .....	—	—	—	—	—
Ineffective drainage of floors (S.6)..	—	—	—	—	—
Sanitary Conveniences (S.7)—					
(a) insufficient .....	—	—	—	—	—
(b) unsuitable or defective .....	1	2	—	2	—
(c) not separate for sexes .....	—	—	—	—	—
Other offences against the Act (not including offences relating to Outwork .....	—	—	—	—	—
Total ...	1	2	—	2	—

## SECTION D.

## Housing in the Area.

## Tabular statement for Year 1957.

Houses Completed During the Year.	With State Assistance.	Unaided.	Total.
(a) By Local Authority ... ..	236	—	236
(b) By other Bodies or Persons ... ..	—	5	5
	236	5	241

## 1. Inspection of Dwelling Houses During the Year.

- (1) Total Number of dwelling houses inspected for housing defects (under Public Health or Housing Act) ..... 296
- (2) Number of dwelling houses (included in (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 ..... 138
- (3) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ..... 15
- (4) Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation ..... —

## 2. Remedy of Defects Without Service of Formal Notices.

- Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or its Officers ..... 109

## 3. Action under Statutory Powers.

- (a) Proceedings under Sections 9, 10, and 16 of the Housing Act, 1936.
- (1) Number of houses in respect of which notices were served requiring repairs ..... —
- (2) Number of dwelling houses which were rendered fit after service of formal notices :—
- (b) By Local Authority in default of Owners ..... —
- (a) By Owners ..... —

(b) Proceedings under Public Health Acts.	
(1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied .....	34
(2) Number of dwelling houses in which defects were remedied after service of formal notices :—	
(a) By Owners .....	34
(b) By Local Authority in default of Owners .....	—
(c) Proceedings under Sections 11 and 12 of the Housing Act, 1936.	
(1) Number of dwelling houses in respect of which Demolition Orders were made .....	—
(2) Number of dwelling houses demolished in pursuance of Demolition Orders .....	—
(d) Proceedings under Section 12 of the Housing Act, 1936.	
(1) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit .....	—
<b>4. Number of Houses Permanently Discontinued as Dwellings and Note included Above .....</b>	<b>—</b>

#### RENT ACT 1957.

1. Number of applications for certificates .....	10
2. Number of decisions not to issue certificates .....	Nil.
3. Number of decisions to issue certificates	
(a) In respect of some but not all defects .....	5
(b) In respect of all defects .....	5
4. Number of undertakings given by Landlords under Paragraph 5 of the First Schedule .....	8
5. Number of undertakings refused by Local Authority under proviso to paragraph 5 of the First Schedule .....	Nil.
6. Number of certificates issued .....	Nil.
7. Applications by Landlord to Local Authority for cancellation of certificates .....	Nil.
8. Objections by tenants to cancellation of Certificates .....	Nil.
9. Decisions by Local Authority to cancel in spite of tenants objection .....	Nil.
10. Certificates cancelled by Local Authority .....	Nil.



**CLEARANCE AREAS.**

The following areas have been dealt with since 1951 :—

Area.	Area Declared.	Order Confirmed.	Houses.	Other Buildings.
Edward Street ... ..	20. 3.51.	11. 5.54.	43	—
William Street No. 2 ...	12. 3.53.	11. 5.54.	16	3
Lyon Street No. 1 ... ..	14. 5.53.	11. 5.54.	12	2
Glen Street ... ..	15. 9.53.	11. 5.54.	6	—
Lyon Street ... ..	21.12.54.	20. 6.54.	10	—
William Street and Bewick Street ... ..	21.12.54.	20. 6.54.	18	3
Readhead Terrace and Patricks Place ... ..	21.12.54.	4.11.55.	16	2
*New Town No. 1 ... ..	17. 5.55.	28.12.55.	114	—
*Charles Street ... ..	17. 5.55.	28.12.55.	14	—
Quay No. 1 ... ..	15.11.55.	28. 8.56.	89	—
Quay No. 2 ... ..	15.11.55.	28. 8.56.	15	1
Quay No. 3 ... ..	20. 3.56.	27. 9.56.	24	—
*New Town No. 2 ... ..	15. 5.56.	5. 4.57.	41	—
*New Town No. 3 ... ..	16.10.56.		45	6
Foster Street ... ..	18. 5.56.	Undertaking	14	—
*New Town No. 4 ... ..	18. 9.56.		30	3
Quay No. 4 ... ..	18. 9.56.	12. 4.57.	18	1
Quay No. 5 ... ..	18. 9.56.	12. 4.57.	8	—
Quay No. 6 ... ..	18. 9.56.	11. 2.57.	8	—
Ellison Street ... ..	27. 5.57.	Undertaking	8	—
New Town No. 5 ... ..	17. 9.57.		83	1
New Town No. 6 ... ..	17. 9.57.		6	—
New Town No. 7 ... ..	17. 9.57.		14	—
Bede Buildings ... ..	23.12.57.	Undertaking		
			652	22

\* Compulsory Purchase Order.

### INDIVIDUAL UNFIT HOUSES.

The following individual unfit houses were dealt with during the year :—

14 Bk. Victoria Road West	...	Closing Order.
40 Bk. Station Road	... ..	„ „
53 Carr Street	... ..	„ „
55 Carr Street	... ..	„ „
4 Tennant Street (1st Rear)	...	„ „
4 Tennant Street (1st Front)	...	„ „
35 (left) John Street	... ..	„ „
46 (down) Station Road	... ..	„ „
46 (up) Station Road	... ..	„ „
*63 Cuthbert Street	... ..	„ „
12½ Bk. Victoria Road West	...	„ „
55 Glen Street	... ..	„ „
*73 Edmund Street	... ..	„ „
66 Thistle Street	... ..	„ „
11 Bk. Tennant Street	... ..	„ „

\* The orders on these houses were determined due to undertakings being received and the necessary works carried out.

Since 1945, 106 individual houses have been closed for habitation or demolished.

**SECTION E.****Inspection and Supervision of Food and Food Premises.**

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**MILK SUPPLY.**

At the end of the year there were 96 registered distributors, namely, 68 for the sale of steriliser milk, 25 for pasteurised milk, and 3 for Tuberculosis Tested Milk.

All milk now sold in the district is bottled.

There are no registered dairies in the district.

**ICE CREAM.**

During the year 2 premises were registered for the sale of ice cream under the provision of section 16, Food and Drugs Act. 1955.

There are 50 premises registered in the district, 3 for manufacture and sale and 47 for retail only.

15 visits were made to registered premises.

**MEAT.**

No slaughtering is carried out in the district. All butchers shops were regularly inspected.



**FOOD PREMISES.**

Food premises were regularly visited during the year, 272 inspections were carried out.

The number and type of food premises in the district are as follows :-

TYPE OF BUSINESS.	No. of premises registered under Section 16. Food & Drugs Act, 1955.		No. of Premises Not Registerable.	TOTAL.
	(a) Ice Cream.	(b) Preserved Food.		
Bakers & confectioners ...	2	—	8	10
Butchers ... ..	—	10	7	17
Cafes and restaurants ...	2	5	—	5
Church & community halls.	—	—	15	15
Factory canteens ... ..	—	16	—	16
Fishmongers and Fryers ...	—	14	1	15
General dealers (including off licences) ... ..	38	—	44	82
Greengrocers ... ..	4	—	11	15
Grocers ... ..	1	—	19	20
Hotels & public houses ...	—	1	11	12
Hospitals ... ..	—	—	2	2
Ice Cream Manufacturers...	3	—	—	3
Licensed clubs ... ..	—	—	9	9
Nursery schools ... ..	—	—	2	2
Pork butchers ... ..	—	5	—	5
River ferries ... ..	1	—	—	1
School kitchens ... ..	—	—	2	2
School meal centre ... ..	—	—	6	6
Social service centre ... ..	1	—	—	1
Sports grounds ... ..	—	—	2	2
Miscellaneous ... ..	—	—	2	2
	52	51	141	242

**EDUCATIONAL ACTIVITIES.**

Consistent inspections and talks to employees seem to be the only successful method of educating food handlers. This practice was carried out throughout the year.

**LEGAL PROCEEDINGS.****Regulation 26 (1) of the Milk & Dairies Regulations, 1949.**

A dairy firm was fined £40 for failing to ensure that a vessel used by them was in a state of thorough cleanliness.

Three warning letters were also served regarding foreign bodies, etc., in food stuffs.

## THE FOOD HYGIENE REGULATIONS 1955.

During the year all premises where food is prepared, handled or sold were visited and inspected, and copies of a precis of the new Act and Regulations were distributed to employers and employees. Verbal explanations and guidance were given where necessary.

Seventeen written notices were served on occupiers regarding their premises, all of which received attention.

### UN SOUND FOOD.

The following foodstuffs were found unfit for human consumption during the year :—

	Tins.	Cwts.	Qrs.	Lbs.	Ozs.
<b>Meat.</b>					
Beef (Home killed) .....		2	0	27	0
<b>Canned and Bottled Foods.</b>					
Chopped Pork .....	4	—	—	12	7
Luncheon Meat .....	8	—	—	16	10
Luncheon Tongue .....	4	—	—	21	0
Corned Beef .....	20	1	0	0	12
Cooked Ham .....	16	1	1	15	15
Cooked Pork .....	3	—	—	16	9
Minced Beef Loaf .....	3			2	4
Vienna Sausage .....	2	—	—	6	15
Shoulder Ham .....	1	—	—	14	0
Cooked Chicken .....	1	—	—	3	0
Jellied Veal .....	1	—	—	6	0
Stewed Steak .....	4	—	—	8	12
Chicken Fillets .....	1	—	—	—	4
Fish .....	11	—	—	4	4
Soups .....	6	—	—	4	13
Fruit .....	75	—	3	17	11
Vegetables .....	57	—	1	24	12
Welsh Rarebit .....	1	—	—	—	5
Tomatoes .....	30	—	—	27	10
Syrup .....	2	—	—	3	0
Spaghetti .....	2	—	—	1	9
Rice Pudding .....	2	—	—	1	10
Milk .....	7	—	—	—	—
Sandwich Spread .....	1 jar	—	—	—	—
<b>Total .....</b>	<b>262</b>	<b>7</b>	<b>1</b>	<b>12</b>	<b>6</b>

**FOOD ANALYSIS.**

Return of samples submitted from the Urban District of Hebburn by Durham County Council during the year ending 31st December, 1957.

No. of Sample.	ARTICLE.	RESULT OF ANALYSIS.
D.23	Ginger Marmalade ...	Genuine.
24	Sugar ... ..	"
25	Cheese ... ..	"
26	Butter ... ..	"
27	Instant Whip ... ..	"
28	Pastry Mis ... ..	"
29	Blackcurrant Juice Syrup	"
30	Tea ... ..	"
31	Smoked Bacon ... ..	"
32	Lard ... ..	"
33	Mixed Cereals ... ..	"
34	Margarine ... ..	"
35	Peppermint Tablets ...	"
36	French Coffee ... ..	"
37	Buttered Brazils ...	"
102	Milk ... ..	"
103	" ... ..	"
104	" ... ..	"
105	" ... ..	"
106	" ... ..	"
107	" ... ..	"
108	" ... ..	"
109	" ... ..	"
110	" ... ..	"
111	" ... ..	"
112	" ... ..	"
113	" ... ..	"
172	Demerara Sugar ...	"
173	Milk ... ..	"
174	Orange Squash ... ..	"
175	Blackcurrant Juice Syrup	"
176	Fruit Sponge Puddings...	"
177	Parsley, Thyme & Lemon Forcemeat ... ..	"
178	Grape-nuts ... ..	"
179	Milk Chocolate Roasted Peanuts ... ..	"
180	Sugar ... ..	"
181	Peanut Butter ... ..	"
182	Apricot Jam ... ..	"
183	Steak & Onions ... ..	"
184	Butter Brazils ... ..	"
185	Tea ... ..	"
186	Rice ... ..	"
187	Blackcurrant Juice ...	"
188	Pork Sausages ... ..	"
189	Beef Sausages ... ..	"
190	Black Puddick ... ..	"
191	Potato Salad ... ..	"
192	Vienna Sausages ...	"
216	Bread ... ..	"



**SECTION F.****Report of the Medical Officer of Health on  
Prevalence and Control of Infectious and  
other Diseases.**

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The number of cases of Infectious Diseases notified during 1957 was reduced to 452 as compared with 590 in 1956; this reduction was almost entirely due to the decreased incidence of Dysentery, Measles and Whooping Cough there being scarcely any change in the number of other Infectious Diseases notified.

**Dysentery.**

It is pleasing to record a substantial reduction from 83 to 32 in the number of cases notified. This, however is no cause for complacency as Sonne Dysentery continues to be endemic on Tyneside, and the relatively mild nature of the symptoms results in untreated cases maintaining a reservoir of infection.

**Measles.**

It will be seen from the table that nearly all the cases occurred in the early part of the year; this was a continuation of the epidemic which lasted throughout the winter of 1956/57 and which, fortunately, did not recur during 1957.

**Whooping Cough.**

There were only 5 cases notified during 1957 compared with 46 the previous year. This reduction may in some measure be due to the increase in immunisation conducted by general practitioners.

**Tuberculosis.**

The number of cases of Respiratory Tuberculosis notified during 1957 was 45 compared with 46 the previous year. Although there is little change in the number notified it is of interest to note that whereas in 1956 almost twice as many males as females were notified, during 1957 the preponderance of males being reduced to 24 compared with 21 females.

**Influenza.**

Although Influenza is not a notifiable disease, it was possible to assess approximately the extent of the epidemic of Asian Influenza from general practitioners and from the Ministry of National Insurance returns. This epidemic eventually reached the United Kingdom, as anticipated, in the later part of 1957.



It is of interest to note that one of the first recorded and confirmed outbreaks of Asian Influenza in this country occurred at the end of June, 1957, amongst Indian seamen living in a large hostel in Hebburn. An outbreak of influenzal type illness amongst the seamen was first reported to me by a general practitioner. The Director of the Public Health Laboratory was most helpful, and the necessary testing serum was obtained from London and as a result the diagnosis of Asian type Influenza was established. Fortunately the illness proved to be less severe than expected with few complications.

## TUBERCULOSIS 1957.

Age Periods	New Cases				Deaths			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1	—	—	—	—	—	—	—	—
1 to 5	—	—	—	—	—	—	—	—
6 to 15	2	2	—	1	—	—	—	—
16 to 25	2	8	1	2	—	—	—	—
26 to 35	2	8	—	1	—	—	—	—
36 to 45	8	1	1	1	—	—	—	—
46 to 55	6	1	—	—	—	—	—	—
56 to 64	3	1	—	—	1	—	—	—
65 and Over	1	—	—	—	1	—	—	—
TOTAL	24	21	2	5	2	—	—	—

## Tuberculosis 1936—1957.

Incidence and death rates per 1,000 of the population.

Year.	Notification Rate.		Death Rate.	
	Pulmonary.	Non-Pulmonary.	Pulmonary.	Non-Pulmonary.
1936	2.31	1.22	1.59	0.26
1937	1.85	0.97	1.06	0.13
1938	1.61	1.52	0.48	0.36
1939	1.23	1.94	1.11	0.31
1940	2.07	0.78	1.15	0.29
1941	2.12	1.09	0.90	0.27
1942	1.96	0.36	1.09	0.23
1943	1.52	0.46	1.06	0.23
1944	1.53	0.31	1.03	0.13
1945	1.75	0.36	0.36	0.13
1946	1.62	0.27	0.75	0.26
1947	1.58	0.13	0.84	Nil.
1948	2.31	0.39	0.87	0.22
1949	2.21	0.17	0.74	0.04
1950	1.96	0.22	0.66	Nil.
1951	1.68	0.30	0.60	0.08
1952	2.25	0.26	0.39	0.09
1953	2.35	0.21	0.26	Nil.
1954	1.96	0.09	0.17	Nil.
1955	1.62	0.17	0.13	0.04
1956	1.9	0.2	0.08	Nil.
1957	1.88	0.25	0.08	Nil.

INFECTIOUS DISEASES: Age Incidence, Wards, Hospital Treatment.

Disease.	All Ages	Under 1	1-2	3-4	5-9	10-14	15-24	25-44	45-64	65 & Over	WARDS						HOSPITAL	
											W.	C.	N.	E.	V.	M.		S.
Scarlet Fever ...	14	—	—	4	6	3	1	—	—	—	1	—	—	1	2	4	6	1
Measles ...	319	17	109	134	55	4	—	—	—	—	24	42	48	26	18	65	96	2
Whooping Cough ...	5	—	2	1	1	1	—	—	—	—	—	—	1	—	1	2	1	—
Poliomyelitis ...	1	—	—	1	—	—	—	—	—	—	—	—	1	—	—	—	—	1
Pneumonia ...	27	—	1	1	2	—	2	3	13	5	—	1	4	2	3	7	10	17
Dysentery ...	32	1	11	6	5	2	—	7	—	—	—	5	4	1	8	1	13	—
Puerperal Pyrexia ...	1	—	—	—	—	—	—	1	—	—	—	—	1	—	—	—	—	—
Meningococcal Infection...	2	—	—	—	—	—	—	2	—	—	—	—	—	—	1	1	—	1
Tuberculosis Pul. ...	45	—	—	—	—	2	12	20	10	1	3	6	7	2	6	7	14	19
Tuberculosis Non-Pul. ...	6	—	—	—	1	—	3	2	—	—	1	2	—	1	1	1	—	—
Totals ...	452	18	123	147	70	12	18	35	23	6	29	56	66	33	40	88	140	41







